

First, you will need to have Google Earth installed on your computer.

- 1) **Double click** the KMZ file for your park --a KMZ is a zipped KML file, “Keyhole Markup Language”, the code that Google Earth uses. The KMZ will self-extract under your “*Temporary Places*” folder (left side of the Google Earth window).
- 2) **Click** the + button to reveal the water quality criteria subfolders. There will be two subfolders, one with multi-parameters (“*NC HQW WS II-IV*” for example), and one called “*Low pH*” -- to allow independent displays of high and low pH limits.
- 3) **Click** the + button on the subfolders to reveal specific WQ parameters.
- 4) **Toggle** WQ parameters by clicking boxes next to the parameters. Its a good idea not to activate too many parameters at once as it can get confusing as each parameter is plotted over the other. If you see the superposition of multiple station labels (two CARL_TSTS for example), then you have multiple parameters selected.

Data displayed represent the period of record for CUPN water quality monitoring at your park. You will see the water quality sampling stations in your park displayed as red, orange, yellow or green symbols. Symbol type, circle, square and triangle, denote water body type, while color represents the percentage of times the parameter in question violated its state standard. Symbol size is correlative to the sample population. If you “right-click” on the primary folder under “*Temporary Places*” (underlined and in blue), you will activate the legend. An example for CARL follows:

WQ_Analysis_03_Feb_2010_8_29_38.KML

Results filtered for:

Organization = CUPN: Cumberland Piedmont Network
Project = CARL_WQ:CUPN WQ Monitoring, CARL
Station = CARL_FLFL: Front Lake
CARL = MRFL: Mountain Reservoir
CARL= SLSL: Side Lake
CARL = TSSL: Trout Pond Spring
WQ Standards = NC HQW WS II-IV (CUPN)
Exclude Analytical Groups
Include Only Samples Not Checked as QC
Result Remark = None

Censored Data Substitutions: *Non-detect=0.5* Detection Limit, *Present
g.t.QL=1.1* Upper Quantification Limit, *Present l.t.QL=0.5*
Lower Quantification Limit

Icon Shape: Based on primary type of station
circle = Well of Spring or Cave of Land
square = Lake or Great Lake or Ocean or Reservoir
triangle = River/Stream or any other type

Icon Size: Based on number of results reported at station.
small = less than 10 results
medium = between 10 and 25 results
large = between 25 and 50 results
extra large = more than 50 results

Icon Color: Based on proportion of exceedances of water quality criterion.
red = proportion over 0.50
orange = proportion between 0.10 and 0.50
yellow = proportion between 0.00 and 0.10
green = proportion is 0.00